



Functional Independence Mathematics

Official Released Items

Grade 3

**Fall 2008
Official Released Items**

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The Grade 3 Functional Independence Mathematics Assessment was administered for the first time in Fall 2005. Beginning with this administration, the Office of Educational Assessment and Accountability (OEAA) will annually release a portion of the items that are administered on the assessment. This booklet contains released items from the Fall 2008 administration and is intended to be used by districts to assist in their interpretation of item analysis data. The information contained in this booklet may also be used by schools, teachers, and parents as a resource for understanding the content and format of the assessment items. In addition to MI-Access training materials and Extended Grade Level Content Expectations (EGLCE), the released items may also have utility in informing decisions related to instruction, curriculum, and assessment. These items are **not** secure and may be copied and distributed as needed.

The table below lists the number of core and released items administered on the Fall 2008 Grade 3 assessment booklet. Core items are those that count toward students' scores. All released items in this booklet were selected from the pool of core items that appeared on the assessment.

Functional Independence Mathematics Grade 3

Mathematics Strand	Number of Core Items
Numbers and Operations	10
Measurement	8
Geometry	9
Data and Probability	3
Total Core Items/Points	30
Released Items	10 (Numbers vary by strand and topic.)

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DIRECTIONS: Read each question. Choose the **BEST** answer for each question.

R1 Which number comes **first** in the pattern?

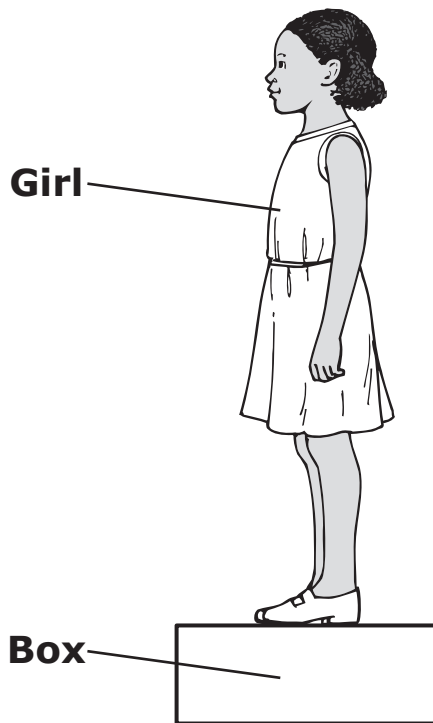
____ , 10, 15, 20

A 5

B 1

C 0

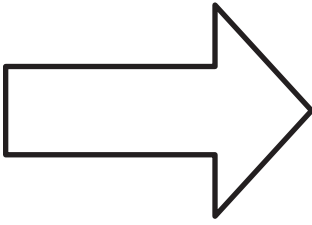
Use the picture below to answer question **R2**.



R2 The girl is standing _____ the box.

- A** on
- B** behind
- C** next to

Use the picture below to answer question **R3**.



R3 In which direction is the arrow pointing?

- A** left
- B** right
- C** up

Use the key below to answer question **R4**.

Key										
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	shows 10
<input type="checkbox"/>										shows 1

R4 Which set of blocks on the following page shows 28?

A

--	--	--	--	--	--	--	--

B

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--


C

--	--	--	--	--	--	--	--	--	--






--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--

- R5** Pat drew a  for every fish in her fish tank.

Fish in Tank

Fish	    
-------------	--

How many fish are in her fish tank?

- A** 5
- B** 8
- C** 12

Use the coin below to answer question **R6**.



R6 What is the name of this coin?

- A** dime
- B** nickel
- C** penny

Use the pattern below to answer question **R7**.



R7 What is the pattern shown above?



R8 Mary's necklace is 12 inches long.

Wendy's necklace is 8 inches long.

Reba's necklace is 15 inches long.

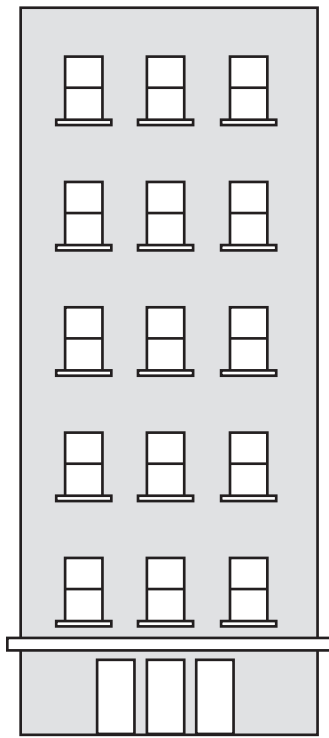
Who has the **longest** necklace?

A Mary

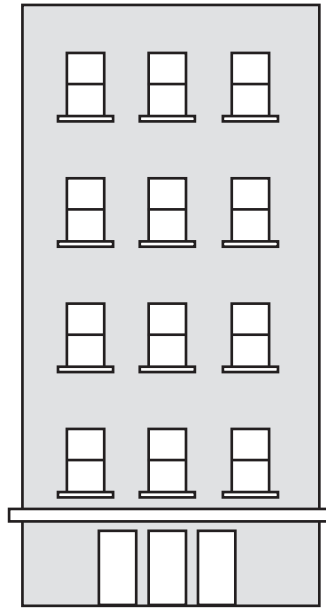
B Wendy

C Reba

Use the picture below to answer question **R9**.



Building 1





Building 2

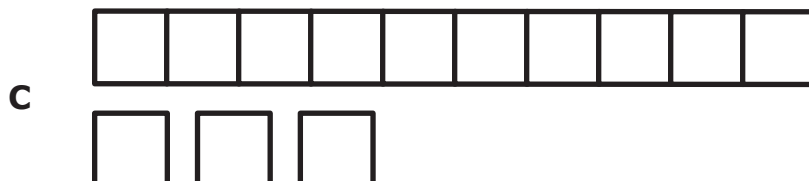
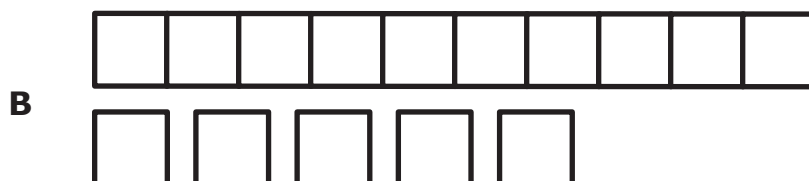
R9 Which sentence is true?

- A** Building 1 is **shorter** than building 2.
- B** Building 1 is **taller** than building 2.
- C** Building 1 is the **same** height as building 2.

Use the key below to answer question **R10**.

Key	
	shows 10
	shows 1

R10 Which set of blocks shows 15?



Do Not Continue.



Do not continue until instructed to do so.

Below is a list of the Extended Grade Level Content Expectations (EGLCE) for each released item found in this booklet. The chart contains the EGLCE code, a brief description of what is measured, and the correct answer for each released item.

Because the assessment was administered during the **fall** of the school year, only content from the *previous* grade level was measured on the assessment. For example, items eligible for the Grade 3 assessment will measure the Grade 2 EGLCE.

Full descriptions of the EGLCE contained in the chart below are available for review and download at **www.mi.gov/mi-access**.

Released Item Number	EGLCE Code	STRAND or Abbreviated Extended GLCE Descriptor	Answer Key
		DATA AND PROBABILITY	
R5	D.RE.02.FI.EG01	Collect and explore data through counting	A
		GEOMETRY	
R2	G.LO.02.FI.EG02	Describe position of objects on a plane and in space	A
R3	G.LO.02.FI.EG02	Describe position of objects on a plane and in space	B
R7	G.SR.02.FI.EG03	Create and describe repeating geometric patterns	A
		MEASUREMENT	
R6	M.UN.02.FI.EG03	Identify different denominations of coins	C
R8	M.PS.02.FI.EG01	Compare length	C
R9	M.PS.02.FI.EG01	Compare length	B
		NUMBERS AND OPERATIONS	
R1	N.MR.02.FI.EG05	Create, describe, and extend simple number patterns	A
R4	N.ME.02.FI.EG02	Recognize representations for whole numbers to 30	B
R10	N.ME.02.FI.EG02	Recognize representations for whole numbers to 30	B



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